

FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

KCC-15,463.1

SERIAL NO.

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT(S)

Marcille Faye RUMAN et al.

FILING DATE

GROUP

10/05/02
10/05/02
10/05/02

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CWA	AA	3,338,992	08/1967	Kinney			
	AB	3,341,394	09/1967	Kinney			
	AC	3,502,538	03/1970	Petersen			
	AD	3,502,763	03/1970	Hartmann			
	AE	3,542,615	11/1970	Dobo et al.			
	AF	3,692,618	09/1972	Dorschner et al.			
	AG	3,802,817	04/1974	Matsuki et al.			
	AH	3,849,241	11/1974	Butin et al.			
	AI	4,340,563	07/1982	Appel et al.			
	AJ	4,663,220	05/1987	Wisneski et al.			
	AK	4,704,116	11/1987	Enloe			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CWA	AL	217 032 B1	02/1992	EPO				
	AM	WO 00/23025	04/2000	PCT				
	AN	WO 99/60969	12/1999	PCT				
	AO	WO 00/37005	06/2000	PCT				
	AP	WO 00/37009	06/2000	PCT				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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USCOMM-DC 80-3985

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WAT	AA	4,940,464	07/1990	Van Gompel et al.			
	AB	5,046,272	09/1991	Vogt et al.			
	AC	5,104,116	04/1992	Pohjola			
	AD	5,224,405	07/1993	Pohjola			
	AE	5,226,992	07/1993	Morman			
	AF	4,315,508	02/1982	Bolick			
	AG	4,372,311	02/1983	Potts			
	AH	4,944,734	07/1990	Wallach			
	AI	4,952,550	08/1990	Wallach et al.			
	AJ	5,110,390	05/1992	Martini et al.			
	AK	5,283,090	02/1994	Umemura			

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CWA	AA	5,386,595	02/1995	Kuen et al.			
	AB	5,509,913	04/1996	Yeo			
	AC	5,897,545	04/1999	Kline et al.			
	AD	5,939,467	08/1999	Wnuk et al.			
	AE	5,957,908	09/1999	Kline et al.			
	AF	6,063,914	05/2000	Wolf et al.			
	AG						
	AH						
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KCC-2151

P1005.1/ 15

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KCC-2151

SERIAL NO.

10/056,888

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APPLICANT(S)

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25 January 2002

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
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	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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<u>61A</u>	AL	9066071	03/1997	Japan				<input checked="" type="checkbox"/>
	AM							
	AN							
	AO							
	AP							

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KCC-2151

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CWA	AA	4,205,679	06/1980	Repke et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CWA	AL	1 174 103	01/2002	EPO				
	AM							
	AN							
	AO							
	AP							

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P1005.5/ jkd